

HISTORIC PROPERTY INVENTORY FORM

IDENTIFICATION SECTION

Field Site No. X-4 OAHP No. _____ Date Recorded 12 November 1997
Site Name Historic Railroad Tool Shed
Common Gang Car Storage
Field Recorder Holly K. Chamberlain
Owner's Name U.S. Department of Energy, Richland Operations Office
Address P.O. Box 550
City/State/Zip Code Richland, WA 99352

State of Washington, Department of Community Development
Office of Archaeology and Historic Preservation
111 21st Avenue Southwest, Post Office Box 48343
Olympia, Washington 98504-8343 (206)753-4011

Status

☒ Survey/Inventory
☐ National Register
☐ State Register
☐ Determined Eligible
☐ Determined Not Eligible
☐ Other (HABS, HAER, NHL)
☐ Local Designation

Photography

Photography Neg. No. HCRL Roll 379; Frames 8, 10, 16, & 17
(Roll No. & Frame No.)
View of South, east, and west exterior facades
Date 12 November 1997

Photo at right: Roll 379, Frame 17
View of west elevation

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object
District Status ☒ NR ☐ SR ☐ LR ☐ INV
Contributing ☒ Non-Contributing ☐
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Historic District

Description Section

Materials & Features/Structural Types

Building Type Industry
Plan Rectangular
Structural System Wood Frame
No. of Stories One

Roof Type

☒ Gable ☐ Hip
☐ Flat ☐ Pyramidal
☐ Monitor ☐ Other (specify) _____
☐ Gambrel
☐ Shed

Cladding (Exterior Wall Surfaces)

☐ Log
☐ Horizontal Wood Siding
Rustic/Drop ☐
Clapboard ☐
☐ Wood Shingle
☐ Board and Batten
☐ Vertical Board
☒ Asbestos/Asphalt
☐ Brick
☐ Stone
☐ Stucco
☐ Terra Cotta
☐ Concrete/Concrete Block
☐ Vinyl/Aluminum Siding
☐ Metal (specify) _____
☐ Other (specify) _____

Roof Material

☐ Wood Shingle
☐ Wood Shake
☐ Composition
☐ Slate
☐ Tar/Built-up
☐ Tile
☒ Metal (specify) Corrugated
☐ Other (specify) _____
☐ Not visible

Foundation

☐ Log ☐ Concrete
☐ Post & Pier ☐ Block
☐ Stone ☐ Poured
☐ Brick ☒ Other (specify) Wood
☐ Not visible

Integrity

(Include detailed description in
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input type="checkbox"/> n/a	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input type="checkbox"/> unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/> roof	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

LOCATION SECTION

Address X-4 Building, 1100 Area
City/Town/County/Zip Code Richland/Benton County/99352
Twp. 10 N Range 28 E Section 27 1/4 Section SE 1/4 1/4 Sec _____
Tax No./Parcel No. _____ Acreage _____
Quadrangle or map name Richland, Washington, 7.5 minute series
UTM References Zone 11 Easting _____ Northing _____
Plat/Block/Lot _____
Supplemental Map(s) _____



High Styles/Forms (Check one or more of the following)

<input type="checkbox"/> Greek Revival	<input type="checkbox"/> Spanish Colonial Revival/Mediterranean
<input type="checkbox"/> Gothic Revival	<input type="checkbox"/> Tudor Revival
<input type="checkbox"/> Italianate	<input type="checkbox"/> Craftsman/Arts & Crafts
<input type="checkbox"/> Second Empire	<input type="checkbox"/> Bungalow
<input type="checkbox"/> Romanesque Revival	<input type="checkbox"/> Prairie Style
<input type="checkbox"/> Stick Style	<input type="checkbox"/> Art Deco/Art Moderne
<input type="checkbox"/> Queen Anne	<input type="checkbox"/> Rustic Style
<input type="checkbox"/> Shingle Style	<input type="checkbox"/> International Style
<input type="checkbox"/> Colonial Revival	<input type="checkbox"/> Northwest Style
<input type="checkbox"/> Beaux Arts/Neoclassical	<input type="checkbox"/> Commercial Vernacular
<input type="checkbox"/> Chicago/Commercial Style	<input type="checkbox"/> Residential Vernacular (see below)
<input type="checkbox"/> American Foursquare	<input checked="" type="checkbox"/> Other (specify)
<input type="checkbox"/> Mission Revival	<input type="checkbox"/> Industrial Vernacular

Vernacular House Types

<input type="checkbox"/> Gable Front	<input type="checkbox"/> Cross Gable
<input type="checkbox"/> Gable Front and Wing	<input type="checkbox"/> Pyramidal/Hipped
<input type="checkbox"/> Side Gable	<input type="checkbox"/> Other (specify)

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

<input type="checkbox"/>	Agriculture
<input type="checkbox"/>	Architecture/Landscape Architecture
<input type="checkbox"/>	Arts
<input type="checkbox"/>	Commerce
<input type="checkbox"/>	Communications
<input type="checkbox"/>	Community Planning/Development

<input type="checkbox"/>	Conservation
<input type="checkbox"/>	Education
<input type="checkbox"/>	Entertainment/Recreation
<input type="checkbox"/>	Ethnic Heritage (specify) _____
<input type="checkbox"/>	Health/Medicine
<input type="checkbox"/>	Manufacturing/Industry
<input type="checkbox"/>	Military

<input type="checkbox"/>	Politics/Government/Law
<input type="checkbox"/>	Religion
<input type="checkbox"/>	Science & Engineering
<input type="checkbox"/>	Social Movements/Organizations
<input type="checkbox"/>	Transportation
<input checked="" type="checkbox"/>	Other (specify) Cold War Era
<input checked="" type="checkbox"/>	Study Unit Sub-Theme(s) General Site, Facilities Support (Crafts); General Site, Facilities Support (Maintenance) General Site, Facilities Support (Infrastructure)

Statement of Significance

Date of Construction Unknown Architect/Engineer/Builder General Electric Hanford Company

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The Railroad Tool Shed (X-4 Building) housed tools and equipment, such as a handcar (gang car), used for maintaining the Hanford site railroad line. The tool shed has probably been situated at its present location since at least 1954, when transportation and maintenance facilities were consolidated in the 1100 Area. Its appearance of earlier construction suggests that it may have been moved here from a previous location at the Hanford site, such as the Riverland Classification Yard. However, it is also possible that the tool shed was constructed in situ, when the Richland Classification Yard began operations in circa 1950. The X-4 Railroad Tool Shed is very similar to the X-8 Railroad Tool Shed, also of unknown date of construction, in the 200 West Area. The X-4 Building is not presently in use. The Railroad Tool Shed was an integral part of the rail transportation operations of the Hanford site. Therefore, it is the conclusion of the U.S. Department of Energy that the X-4 Building is eligible for inclusion in the National Register of Historic Places as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

Located east of and adjacent to the north-south railroad tracks in the 1100 Area west of the 1170 Building and south of the 1171 Building, the rectangular wood-framed X-4 Building is set upon a wood foundation. It is sheathed in asbestos shingles, which were applied over earlier asphalt siding. The exterior walls have wooden corner boards. Oriented along a north-south axis, the gable roof is covered with corrugated metal roofing, which was applied over an earlier material. There is a short metal gutter over the doorway at the roofline. The one entrance is located on the west side, and occupies most of the facade. It has double wooden doors with large hinges which open outward. A short set of railroad tracks run from the doorway to the adjacent rail siding. The handcar could be pulled along the tracks to be lifted onto the tracks of the siding.

The building measures approximately 10 feet by 20 feet. It is presently empty.

Major Bibliographic References

Chamberlain, William W., retired Hanford site technical writer. 11 November 1997. Interview and site visit. Richland, Washington.

Cummings, R. J., Engineer/Lock and Tag Custodian, DynCorp Tri-Cities Services, Inc. 12 November 1997. Interview. Richland, Washington.

Sorenson, Donald. Aerial photograph of 1100 Area, circa 1954, from private collection of Donald Sorenson. Kennewick, Washington.

